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(54) Title: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH PLASMA KALLIKREIN (KLKB1)

(57) **Abstract:** The invention provides a human KLKB1 which is associated with the cardiovascular disorders, endocrine system and hormone disorders, metabolic diseases, gastrointestinal and liver diseases, inflammatory diseases, cancer disorders, muscle-skeleton disorders, neurological disorders and urological disorders. The invention also provides assays for the identification of compounds useful in the treatment or prevention of cardiovascular disorders, endocrine system and hormone disorders, metabolic diseases, gastrointestinal and liver diseases, inflammatory diseases, cancer disorders, muscle-skeleton disorders, neurological disorders and urological disorders. The invention also features compounds which bind to and/or activate or inhibit the activity of KLKB1 as well as pharmaceutical compositions comprising such compounds.